Section I:

AMENDMENT UNDER 37 CFR §1.121 to the CLAIMS

Claims 1 - 13 (cancelled)

14. (currently amended) A computer-implemented <u>grid computing control</u> method comprising:

receiving <u>by a grid computing control system</u> one or more grid resource self-reports <u>from one or</u>
<u>more self-reporting Online Transaction Processing computing resources in a grid</u>
<u>computing environment</u>, each self-report having statistics regarding Online Transaction
Processing job processing;

responsive to said receiving of self-reports, accessing one or more Service Level Agreements;

receiving <u>by said grid computing control system</u> one or more job results from a grid resource <u>job</u>
<u>results manager system corresponding to jobs completed by said self-reporting Online</u>
<u>Transaction Processing computing resources</u>;

<u>analyzing</u> performing by <u>said grid computing control system</u> a logical device an analysis of said
received job results and said received self-reports against [[said]] <u>client-driven</u> Service
Level Agreement <u>performance requirements corresponding to said completed jobs and</u>
said analysis comprising determining one or more sub-ratings selected from a group
comprising percentage of jobs completed, percentage of jobs completed within specified
time constraints, an interactiveness rating, and a cost compliance rating[[, and]]<u>;</u>

producing <u>and updating</u> a grid resource rating table having <u>said</u> sub-ratings in a human-readable
report or in a computer-readable report in a computer memory device, or in both a
human-readable report and in a computer-readable report in a computer memory device,
said report including a rank-ordered Grid Vendor Rating Table for a plurality of resource
vendors according to a weighted analysis of said sub-ratings for each resource vendor<u>;</u>
[[.]]

<u>selecting by said grid computing control system an available grid resource server in said grid</u>
<u>computing environment from a plurality of available grid resource servers</u>
<u>according to said grid resource rating table; and</u>

<u>assigning an Online Transaction Processing job to said selected grid resource server wherein said</u>
<u>selection and assignment is performed according to historical performance against client-</u>

driven performance requirements per said grid resource rating table.

Claims 15 - 39 (cancelled)

40. (currently amended) A computer ~~storage~~ memory comprising:

a computer readable ~~storage~~ memory suitable for encoding software; and

one or more computer programs encoded by said computer readable memory and configured to:

    receive by a grid computing control system one or more grid resource self-reports from
        one or more self-reporting Online Transaction Processing computing resources in
        a grid computing environment;

    receive by said grid computing control system one or more job results from a grid
        resource job results manager system corresponding to jobs completed by said self-
        reporting Online Transaction Processing computing resources;

    analyze by said grid computing control system said received job results and said received
        self-reports against client-driven Service Level Agreement performance
        requirements corresponding to said completed jobs and determining one or more
        sub-ratings selected from a group comprising percentage of jobs completed,
        percentage of jobs completed within specified time constraints, an interactiveness
        rating, and a cost compliance rating;

    produce and update a grid resource rating table having said sub-ratings according to a
        weighted analysis of said sub-ratings for each resource vendor;

    select by said grid computing control system an available grid resource server in said grid
        computing environment from a plurality of available grid resource servers
        according to said grid resource rating table; and

    assigning an Online Transaction Processing job to said selected grid resource server
        wherein said selection and assignment is performed according to historical
        performance against client-driven performance requirements per said grid
        resource rating table.

    ~~receive one or more grid resource self-reports, each self-report having statistics~~
        ~~regarding Online Transaction Processing job processing;~~

    ~~responsive to said receiving of self-reports, accessing one or more Service Level~~

~~Agreements;~~

~~receive one or more job results from a grid resource;~~

~~performing by a logical device an analysis of said received job results and said received self-reports against said Service Level Agreement, said analysis comprising determining one or more sub-ratings selected from a group comprising percentage of jobs completed, percentage of jobs completed within specified time constraints, an interactiveness rating, and a cost compliance rating; and~~

~~producing a grid resource rating table having sub-ratings in a human-readable report or in a computer-readable report in a computer memory device, or in both a human-readable report and in a computer-readable report in a computer memory device; said report including a rank-ordered Grid Vendor Rating Table for a plurality of resource vendors according to a weighted analysis of said sub-ratings for each resource vendor.~~

41. (currently amended) A <u>grid computing control</u> system comprising:

a <u>grid computing control</u> hardware means [[for]] performing a logical process <u>automatically</u>
  <u>dynamically assigning an Online Transaction Processing job to an available grid resource</u>
  <u>server based upon historical performance against grid processing job requirements</u>
  <u>driven by a client</u>;

a ~~self-report~~ receiver portion of said hardware means <u>receiving</u> ~~configured to receive~~ one or
  more grid resource self-reports <u>from one or more self-reporting computing resources in a</u>
  <u>grid computing environment</u>~~, each self-report having statistics regarding Online~~
  ~~Transaction Processing job processing~~;

a Service Level Agreement accesser portion of said hardware means ~~configured to, responsive to~~
  ~~said receiving of self-reports, access~~ <u>accessing</u> one or more Service Level Agreements
  <u>associated with said client</u>;

a job results receiver portion of said hardware means ~~configured to receive~~ <u>receiving</u> one or
  more job results from a grid <u>computing environment job results manager system</u>
  ~~resource~~;

an analyzer portion of said hardware means<u>, responsive to completion of an Online Transaction</u>
  <u>Processing job by a particular grid resource server, analyzing</u> ~~configured to perform an~~
  ~~analysis of said~~ received job results and received self-reports <u>from said particular grid</u>
  <u>resource server</u> against said <u>accessed</u> Service Level Agreement, <u>including</u> ~~said analysis~~
  ~~comprising~~ determining one or more sub-ratings selected from a group comprising
  percentage of jobs completed, percentage of jobs completed within specified time
  constraints, an interactiveness rating, and a cost compliance rating; [[and]]

a report producer portion of said hardware means ~~configured to produce~~ <u>producing and updating</u>
  a grid resource rating table having <u>said</u> sub-ratings ~~in a human-readable report or in a~~
  ~~computer-readable report in a computer memory device, or in both a human-readable~~
  ~~report and in a computer-readable report in a computer memory device, said report~~
  ~~including a rank-ordered Grid Vendor Rating Table for a plurality of resource vendors~~
  according to a weighted analysis of said sub-ratings for each resource vendor[[.]]<u>; and</u>

a <u>selector/assigner portion of said hardware means selecting an available grid resource server in</u>
  <u>said grid computing environment from a plurality of available grid resource servers</u>

according to said grid resource rating table, and assigning an Online Transaction
Processing job to said selected grid resource server.

42. (previously presented) The system as set forth in Claim 41 wherein said hardware means
comprises a microprocessor.

43. (previously presented) The system as set forth in Claim 41 wherein said hardware means
comprises an integrated circuit.